**Chemistry Molecular Structures, VSEPR, Polar Covalent Bonds (8.3-8.5 Outline)**

***AS YOU READ, RESPOND TO THE FOLLOWING:***

*Vocabulary*: **Define in your own words**

Resonance-

Structural Formula

Coordinate covalent bond-

VSEPR model-

hybridization-

polar covalent bond-

Respond to the prompts below:

What molecules are exceptions to the "octet" rule and why do these exceptions occur?

How can you use the VSEPR model to predict the shape of and the bond angles of a molecule?

What are the characteristics of covalently bonded compounds?

***ABOUT THE READING:***

*After reading about this topic I learned that…*

Write two things that you learned after reading

*1.*

*2.*

***Assigned work****: Chapter 8 assessment, problems: #101-102, 104, 112, 117-118, 125*